

1400, 13 July 1965

VULNERABILITY ESTIMATE FOR C385C

There are two known SAM Sites in North Korea capable of firing at Mission C385C. The mission is planned to avoid these sites by a minimum of 25NM. There are approximately 14 Fishbed Aircraft in North Korea that offer a significant threat to this mission.

GENERAL:

The MIG-15, 17, and 19 do not present a threat to the U-2 at 70,000 feet. Of these three fighter types, none can cruise supersonic. The MIG-19 can exceed Mach 1, perform a dynamic climb to approximately 62,000 feet and cruise subsonic, steady state at 59,000 plus or minus 1000 feet. The MIG-19 does not have sufficient power to perform an effective ZOOM maneuver.

The MIG-21 has the capability of intercepting the U-2 at 70,000 feet by performing a ZOOM maneuver and launching an AA-2 Sidewinder type IR missile or unguided rockets.

AIR ORDER OF BATTLE FOR FORMOSA STRAIT:

There are 14 Fishbed (MIG-21) that normally operate from Pukchang-Ni (3930N - 12558E) and Pyong-Ni (3942N - 12553E) airfields. They can land at any of the jet airfields along the route. We estimate that 10 of these aircraft will be available and will react to the mission. North Korean fighters have recently penetrated international waters in reaction to reconnaissance flights and we must assume that they will continue.

There are two SAM Sites at positions 3845N - 12551E, and 3848N - 12527E.

NPIC has searched 30NM either side of the planned route for previously unreported SAM defenses, with negative results.